

10/520327

Fig. 1

A

Ghrelin 1:--GSSFLSPEHQVRVQQRKESKKPPAKLQPR 28  
 Motilin 1:FV-PIFTYGELQRMQE-KERNKGQ----- 22  
 \* \* \* \* \*

Ghrelin receptor (GHSR) 1:MNATPSEEPGFNLTLADLDWDASPGNDLSGDELLQLFPAPLAGVTATCVALFWGIAGNLLTMLVWSRFRELRTTTNLYLSSMAFSDLLIFLCMPDL 100  
 Motilin receptor 1:M--GSPWNGSDGPEGAREPPWALP--PC-DERRCSPFLGALVPVTAVCLCLFWGVSGNWTVMILIGRYRDMRTTTNLYLGSMAVSDLLILLGLPFDL 95  
 \* \* \* \* \*

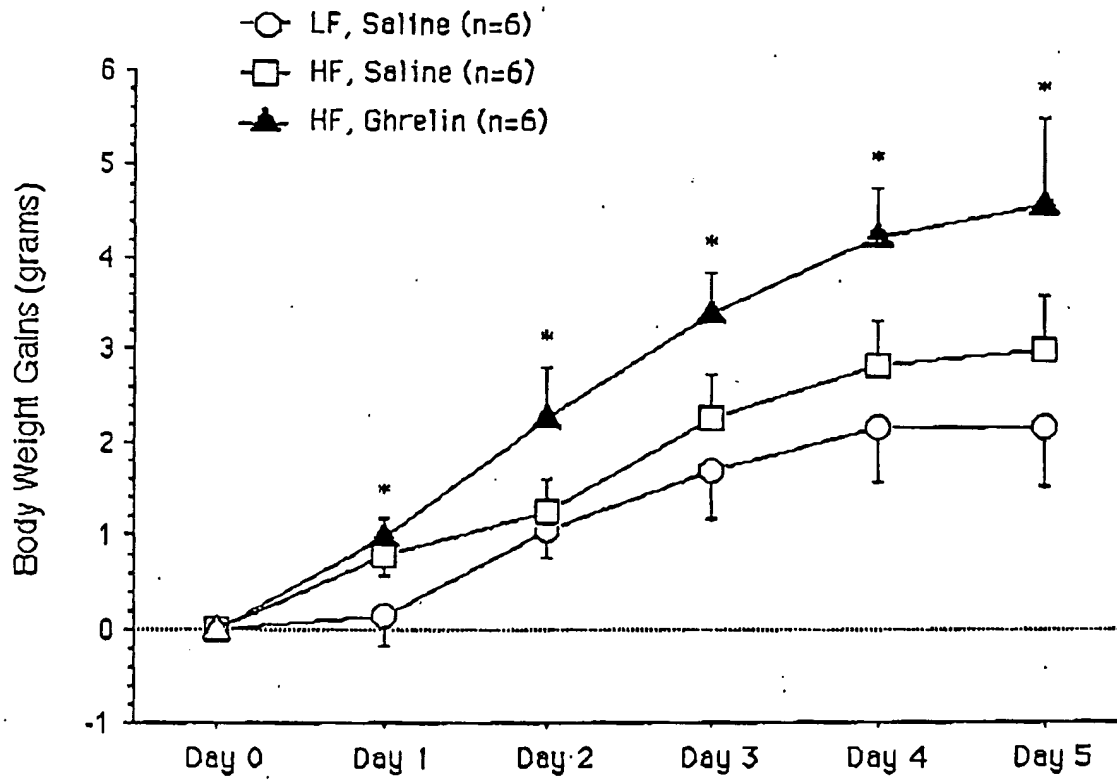
Ghrelin receptor (GHSR) 101:VRLHQYRPWNFGDLLCKLFQVSESCYATVLTITALSVRYFAICFPLRAKVVVTKGRVKLVIFVIWAVAFCSAGPIFVLVGEHE-----NGT- 190  
 Motilin receptor 96:YRLHRSRPMVFGPLLCLSLYVGECTYATLLHMTALSVRYLAICRPLRARVLVTRRRVCALJAVLWAVALLSAGPFLVLGVGEQDPGISVVPGLNGTA 195  
 \* \* \* \* \*

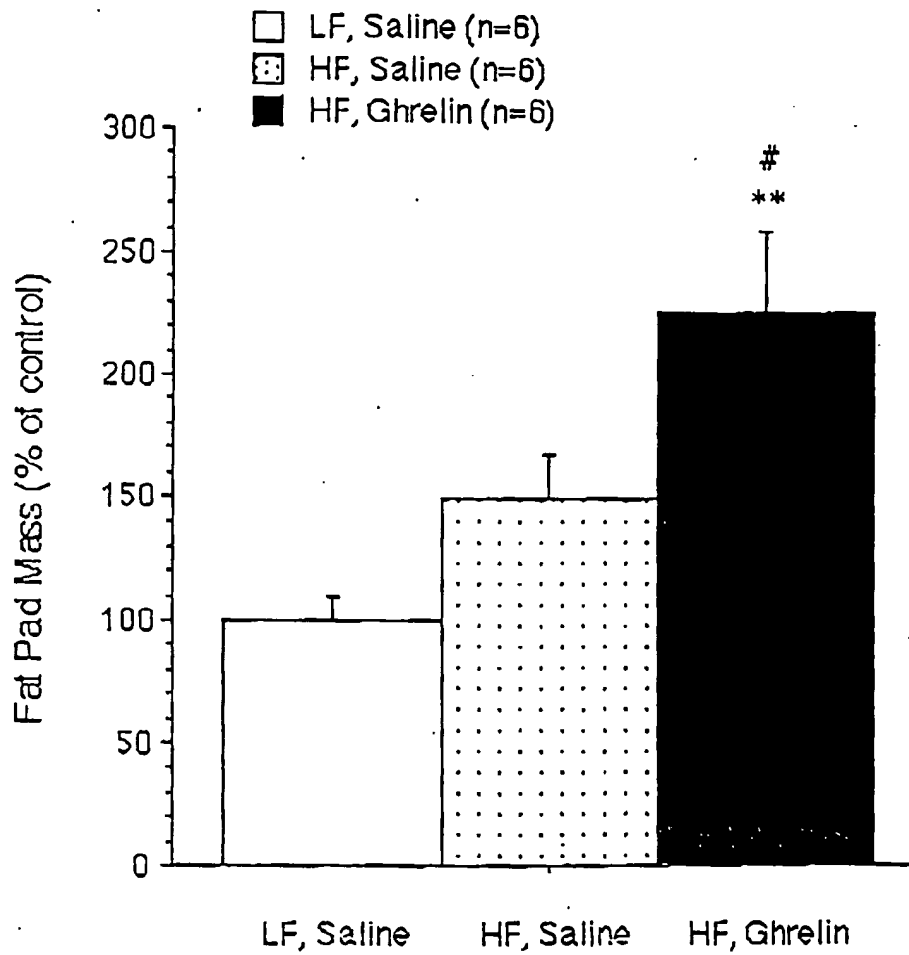
Ghrelin receptor (GHSR) 191:-----D-P-W-D-T-NEC--R-P-T-E-----FA--VR-S-G-L--LTVMWVSSIFFFLPVFCLTVLSLIGRKLWRRRRGDVWVGASLRDQNHKQ 260  
 Motilin receptor 196:RIASSPLASSPPLWLSRAPPPSPSGPETAEEAALFSRECRPSPAQLGALRVMLWVTTAYFFLPCLCLSLYGLIGRELWSSRRPLRGPAASGRERGHQ 295  
 \* \* \* \* \*

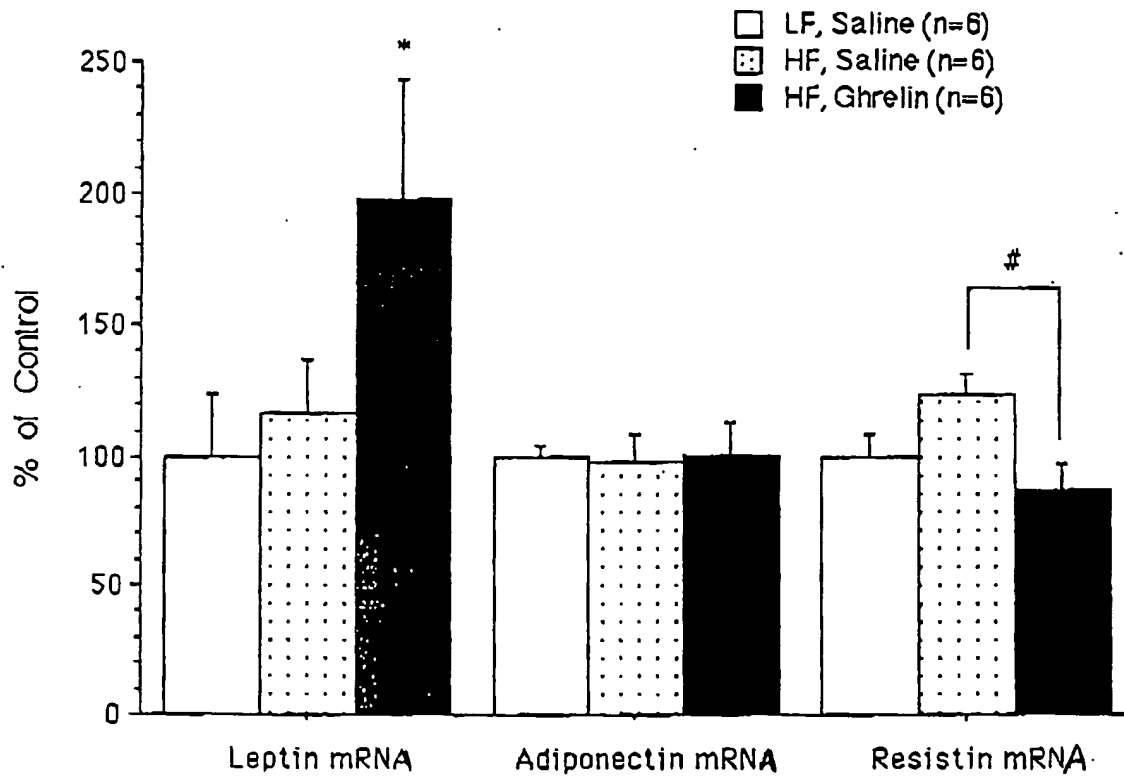
Ghrelin receptor (GHSR) 261:TVKMLAVVWFAFILCWLPHVGRYLFKSFEPGSLKIAQISQYCNLVSVFLFYLAAINPILYNIMSKKYRVAVFRLLGFEFSSQKSLSTLKDESSRAWT 360  
 Motilin receptor 296:TVRVLLVWVLAFLIICWLPFHVGRITTYINT-EDSRM-MY-FYQYFNIVALQLFYLASINPILYNLISKYRAAAFKLLARKSRPRGFHRSRDTAGEVAG 392  
 \* \* \* \* \*

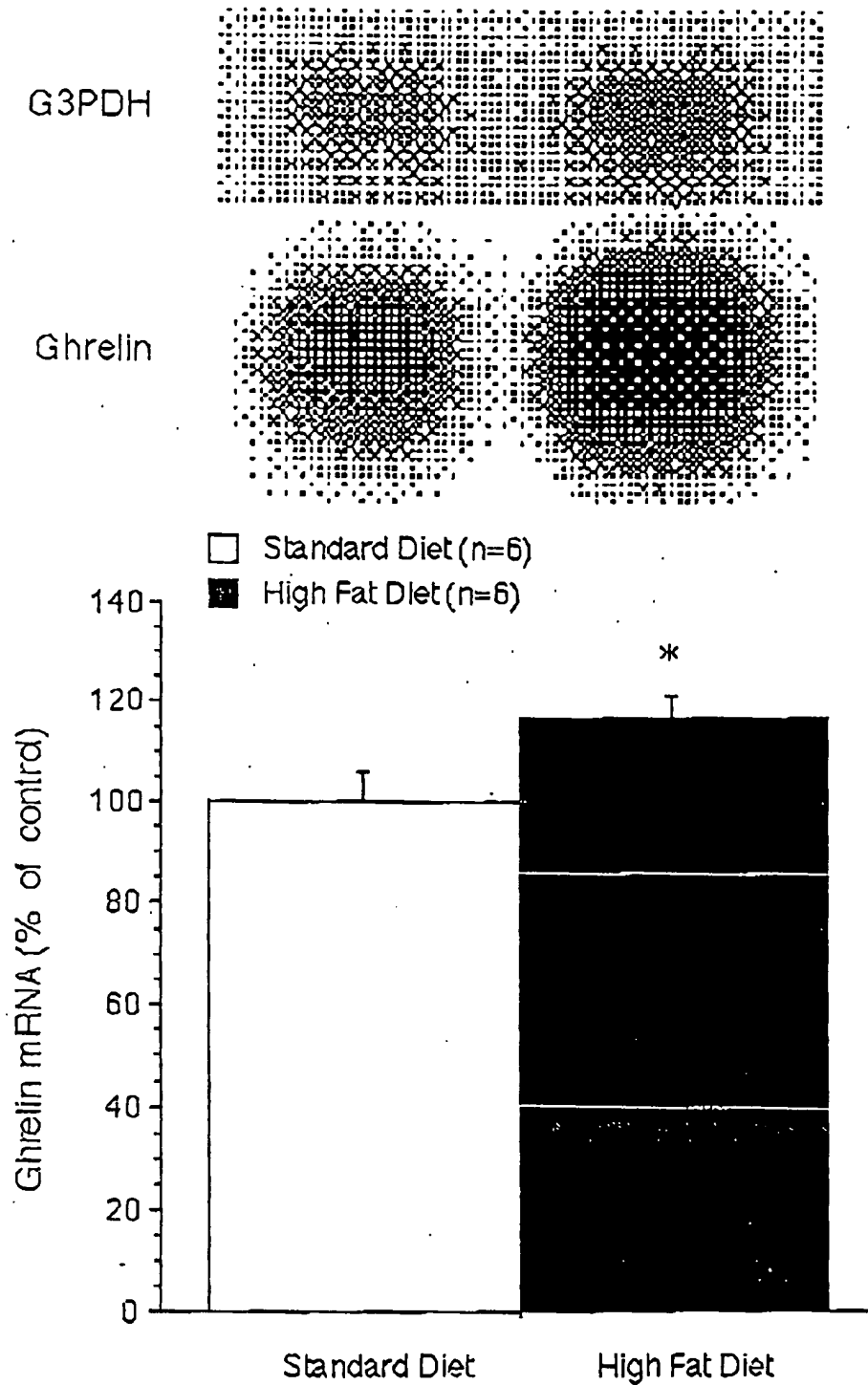
Ghrelin receptor (GHSR) 361:ESSINT-----  
 Motilin receptor 393:DTGGDTVGYTETSANVKTMG  
 366  
 412

Fig.2



*Fig.3*

*Fig.4*

*Fig.5*

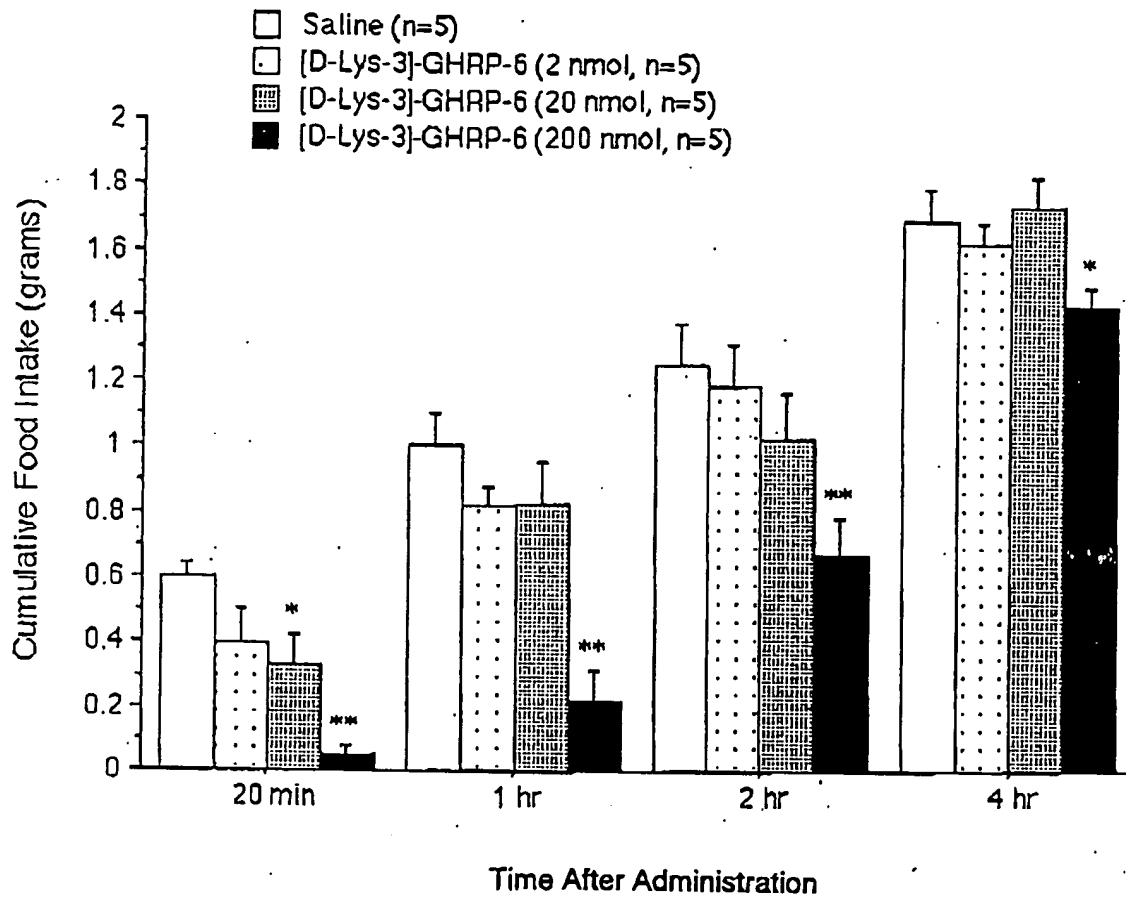
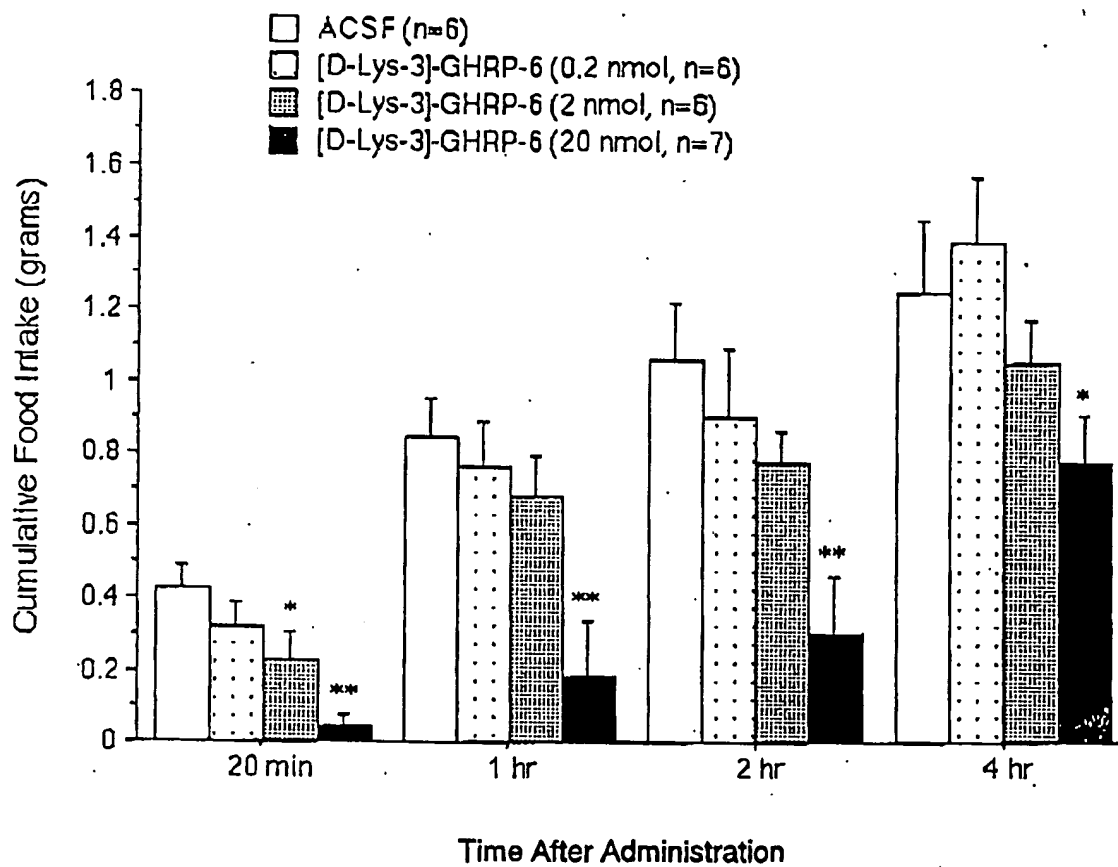
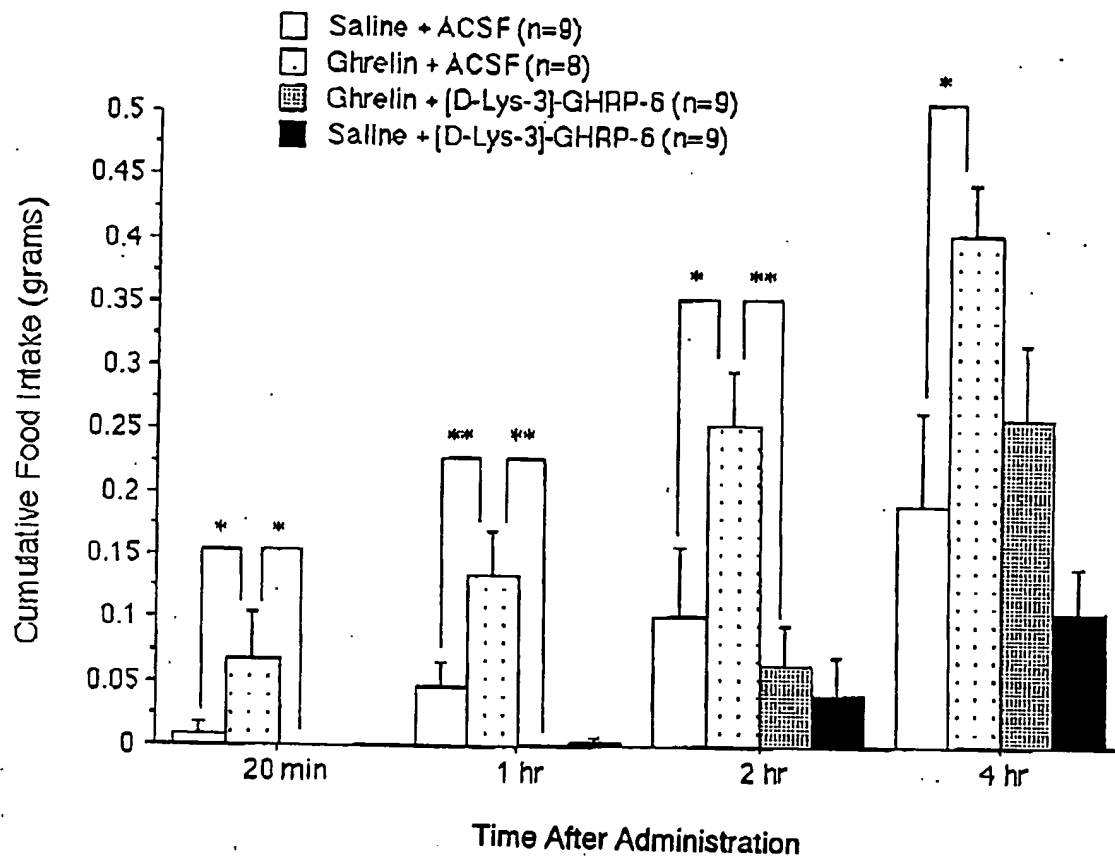
**Fig.6**

Fig. 7



*Fig.8*



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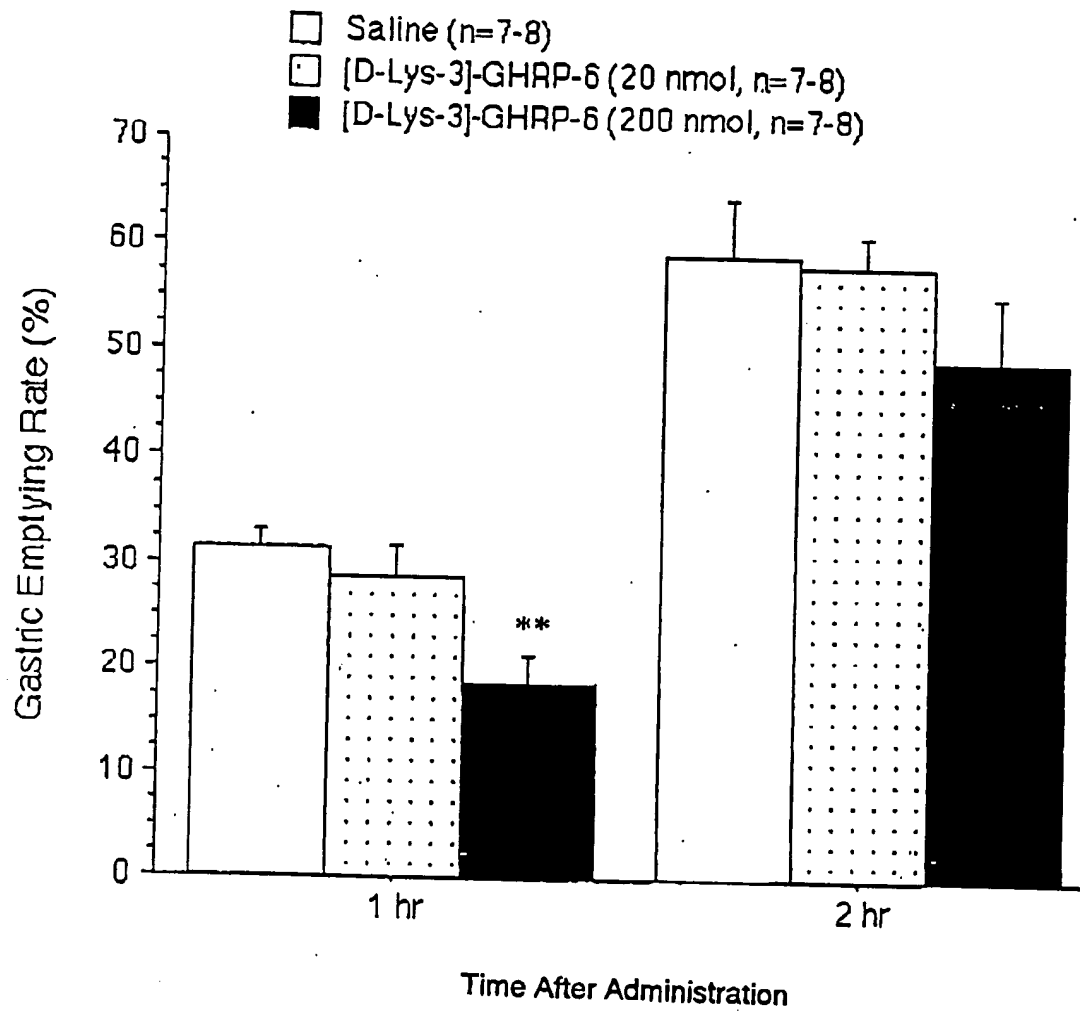
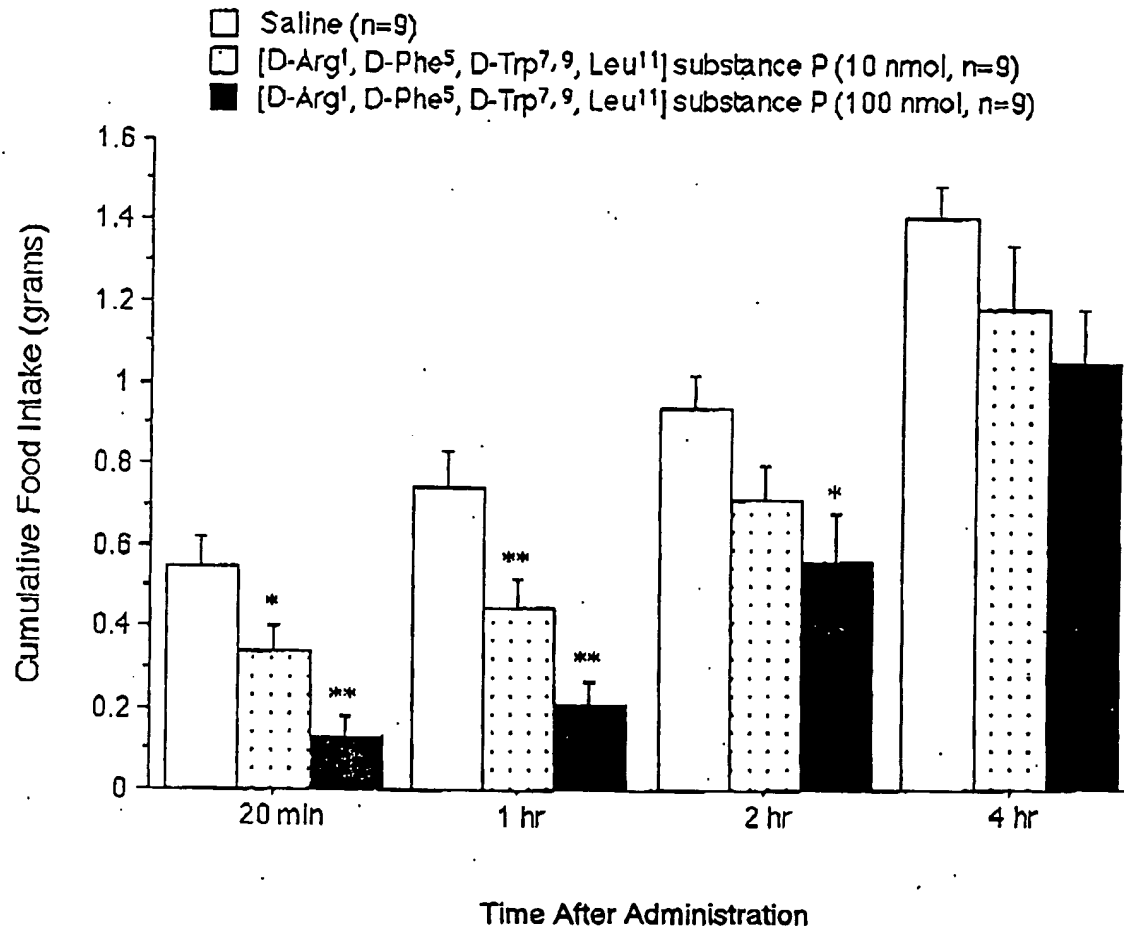
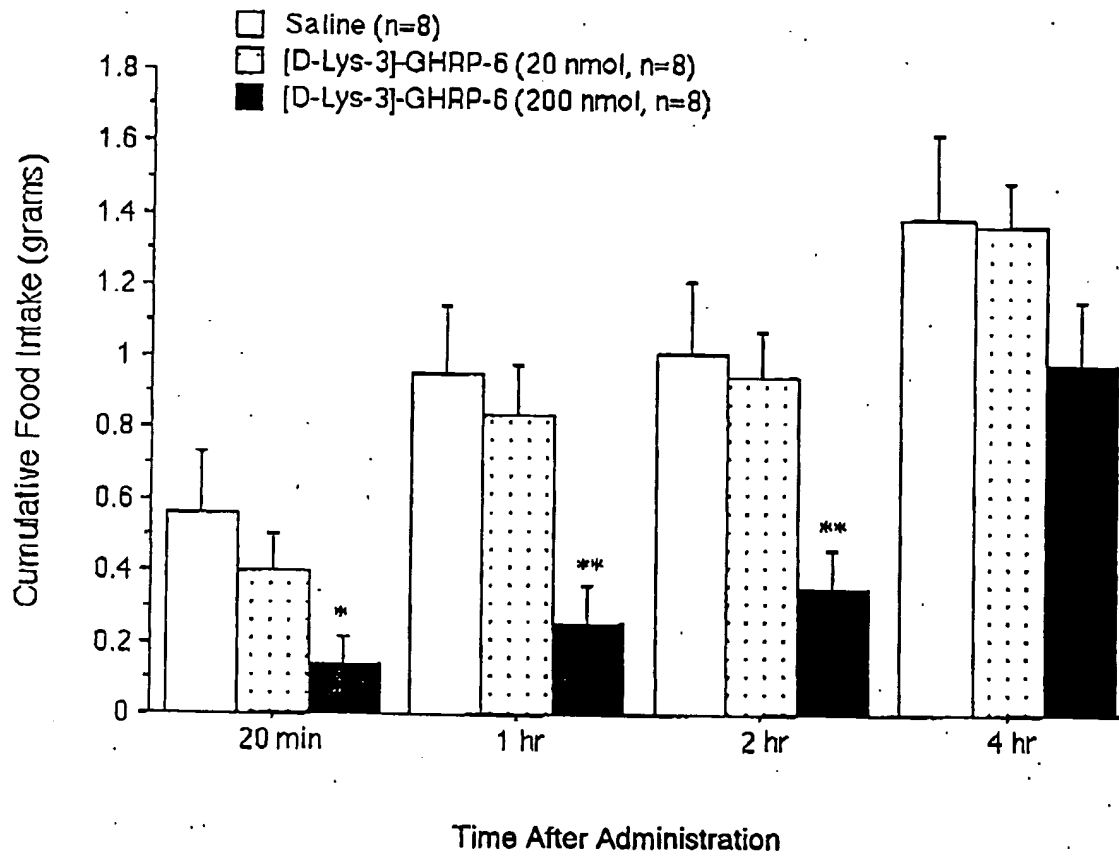
*Fig.9*

Fig.10



*Fig. 11*

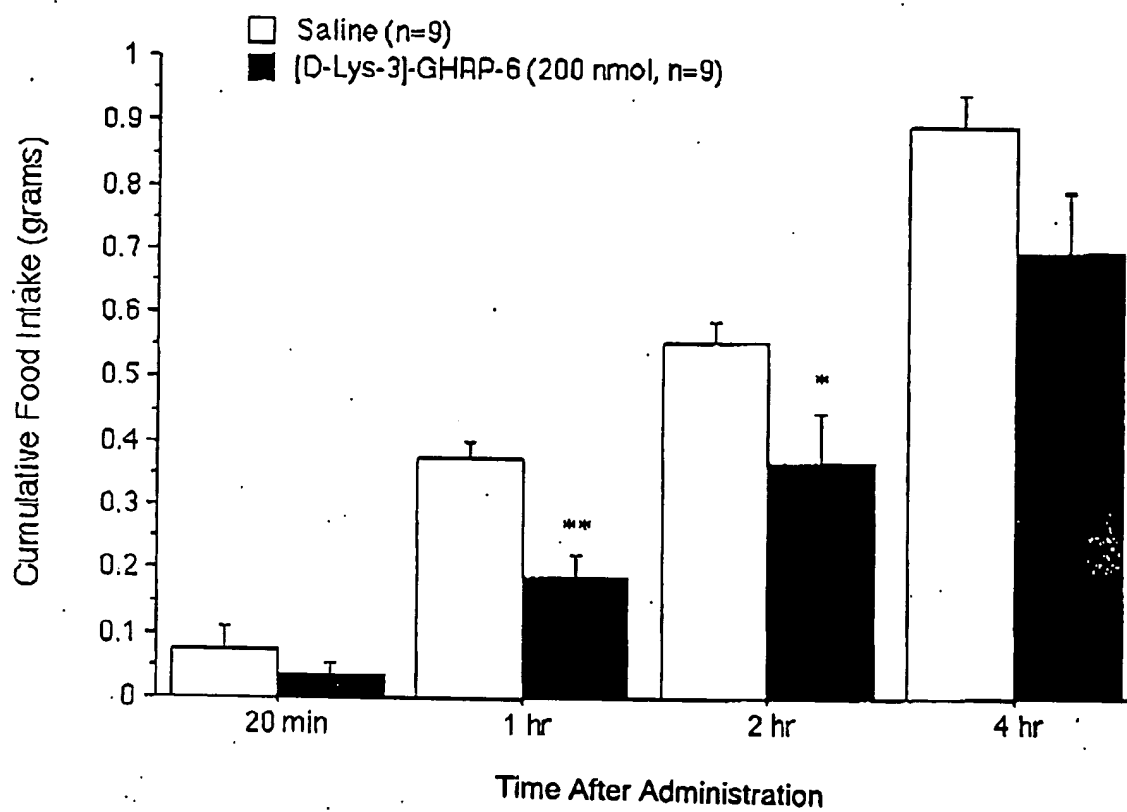
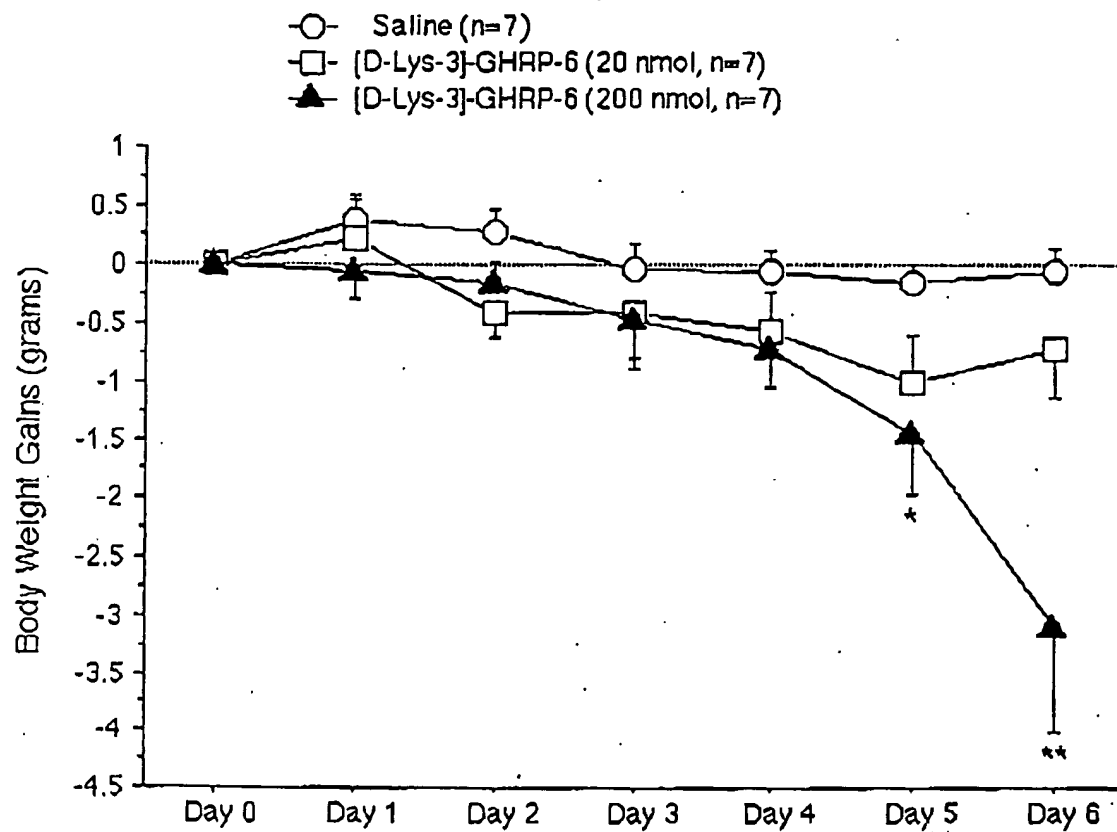
*Fig. 12*

Fig. 13



*Fig.14*